

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A computer readable medium including graphic data and executable management information recorded by a recording device and configured to be reproduced by a reproduction device in a manner instructed by the executable management information, the computer readable medium comprising: having a data structure for managing reproduction of graphic data, comprising:

a graphic information area including at least one graphic image reproduction information segment, one or more graphic images and one or more palette information segments, each palette information segment providing color information and opacity information for the associate color information, each graphic image reproduction information segment providing reproduction information for reproducing one or more graphic images;

wherein each palette information segment has an identifier and the at least one graphic image reproduction segment refers to one or more palette information segments using the identifier of the palette information segment during reproduction of the one or more graphic images; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

2. (Previously Presented) The computer readable medium of claim 1, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images.

3. (Previously Presented) The computer readable medium of claim 2, wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

4. (Cancelled)

5. (Currently Amended) The computer readable medium of claim 1, wherein the palette information segment includes ~~a blending ratio indicating the opacity information to indicate~~ a level of opacity for the associated color information.

6. (Currently Amended) The computer readable medium of claim 1, wherein the palette information segment includes ~~a blending ratio indicating the opacity information to indicate~~ a level of transparency for the associated color information.

7. (Cancelled)

8. (Previously Presented) The computer readable medium of claim 1, wherein two or more graphic image reproduction information segments share a same palette information segment.

9. (Currently Amended) A method of reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

reproducing at least one graphic image reproduction information segment, one or more graphic images and one or more palette information segments from the recording medium, each palette information segment providing color information and opacity information for the associated color information, each graphic image reproduction information segment providing reproduction information to refer to one or more ~~including an indicator for indicating one of palettes (palette_ID)~~, for reproducing one or more graphic images,

wherein each palette information segment has an identifier[[;]] and the reproduction information ~~identifies a~~ refers to one ore more palette information segment using the identifier for the palette information segment.

10. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

[[a]] an optical reproducing device configured to reproduce data recorded on the recording medium;

a controller configured to control the optical reproducing device to reproduce at least one graphic image reproduction information segment, one or more graphic images and one or more palette information segments from the recording medium, each palette information segment providing color information and opacity information for the associate color information, each graphic image reproduction information segment providing reproduction information ~~including an indicator for indicating to refer to one or more~~ [[of]] palettes (palette_ID) for reproducing the one or more graphic images, wherein each palette information segment has an identifier[[;]] and

the reproduction information refers to one or more identifies a palette information segment using the identifier for the palette information segment.

11. (Currently Amended) A method of recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

recording at least one graphic image reproduction information segment, one or more graphic images and one or more palette information segments on the recording medium, each palette information segment providing color information and opacity information for the associated color information, each graphic image reproduction information segment providing reproduction information including an indicator for indicating to refer to one or more of palettes (palette_ID) for reproducing one or more graphic images;

wherein each palette information segment has an identifier; and the reproduction information identifies a refers to one ore more palette information segment using the identifier for the palette information segment.

12. (Currently Amended) An apparatus for recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

an optical recording device configured to record data on the recording medium;
an encoder for encoding at least multiple reproduction path video data; and
a controller configured to control the optical recording device to record at least one graphic image reproduction information segment, one or more graphic images and one or more palette information segments on the recording medium, each palette information segment providing color information and opacity information for the associated color information, each graphic image reproduction information segment providing reproduction information to refer to

including an indicator for indicating one or more of palettes (palette_ID), for reproducing the one or more graphic images, wherein each palette information segment has an identifier[[;]] and the reproduction information identifies a refers to one or more palette information segment using the identifier for the palette information segment.

13. (Previously Presented) The method of claim 9, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

14. (Currently Amended) The method of claim 9 wherein the opacity information is to indicate one of two levels ~~palette information segment includes a blending ratio indicating at least one of the two following levels~~: a level of opacity for the associated color information and a level of transparency for the associated color information ~~a level of transparency for the associated color information~~.

15. (Cancelled)

16. (Previously Presented) The method of claim 9, wherein two or more graphic image reproduction information segments share a same palette information segment.

17. (Previously Presented) The apparatus of claim 10, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic

images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

18. (Currently Amended) The apparatus of claim 10, wherein the opacity information is to indicate one of the two levels ~~palette information segment includes a blending ratio indicating at least one of the two following levels~~: a level of opacity for the associated color information and a level of transparency for the associated color information ~~a level of transparency for the associated color information~~.

19. (Cancelled)

20. (Previously Presented) The apparatus of claim 10, wherein two or more graphic image reproduction information segments share a same palette information segment.

21. (Previously Presented) The method of claim 11, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

22. (Currently Amended) The method of claim 11, wherein the ~~palette information segment includes a blending ratio indicating~~ opacity information is to indicate at least one of the two following levels: a level of opacity for the associated color information and a level of transparency for the associated color information ~~a level of transparency for the associated color information~~.

23. (Cancelled)

24. (Previously Presented) The method of claim 11, wherein two or more graphic image reproduction information segments share a same palette information segment.

25. (Previously Presented) The apparatus of claim 12, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

26. (Currently Amended) The apparatus of claim 12, wherein the opacity information is to indicate one of two levels ~~palette information segment includes a blending ratio indicating at least one of the two following levels:~~ a level of opacity for the associated color information and a level of transparency for the associated color information ~~a level of transparency for the associated color information.~~

27. (Cancelled)

28. (Previously Presented) The apparatus of claim 12, wherein two or more graphic image reproduction information segments share a same palette information segment.